

ATTACHMENT 1: PROPOSED POLICY REVISION

DESCRIPTOR TERMS: Selection of Successful School District	CODE: 4906
ADOPTION DATE: May 19, 2006	REVISION:

STATE BOARD POLICY

Prior to November 1, 2009, for the purpose of selecting successful school districts for use in the Mississippi Adequate Education Program (MAEP) base student cost calculations, "successful school district" is defined as a school district that has a Quality of Distribution Index (QDI) of 133 to 199 as established in the State Accountability Rating System adopted by the Board in March 2009. From and after November 1, 2009 for the purpose of selecting successful school districts for use in the MAEP base student cost calculations, "successful school district" is the definition of "successful school district" as defined in the State Rating Accountability Rating System adopted by the Board in March 2009.

ATTACHMENT 2: CURRENT POLICY

DESCRIPTOR TERMS:	
Selection of Successful School District	CODE:
ADOPTION DATE: May 19, 2006	REVISION:

A New Method for Selecting Successful School Districts for Use in MAEP Base Student Cost Calculations

Under the Performance-Based Accreditation System, districts were assigned an accreditation level based on student performance and compliance with process standards.

Under the new Mississippi Statewide Accountability System, individual schools are assigned an Achievement Level based on student performance.

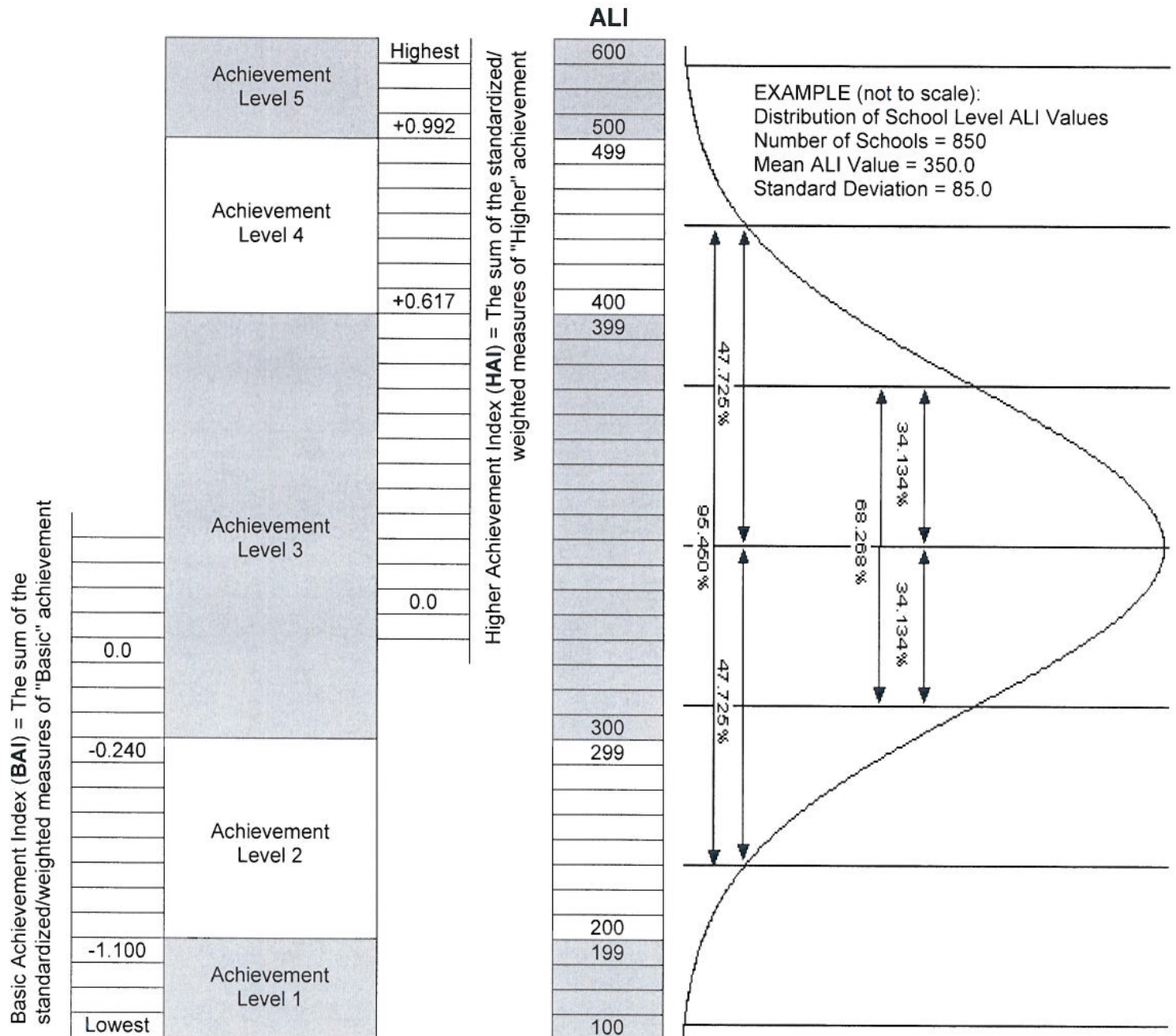
The new method uses results from the school level Achievement Model to identify successful districts for use in MAEP base student cost calculations.

Steps:

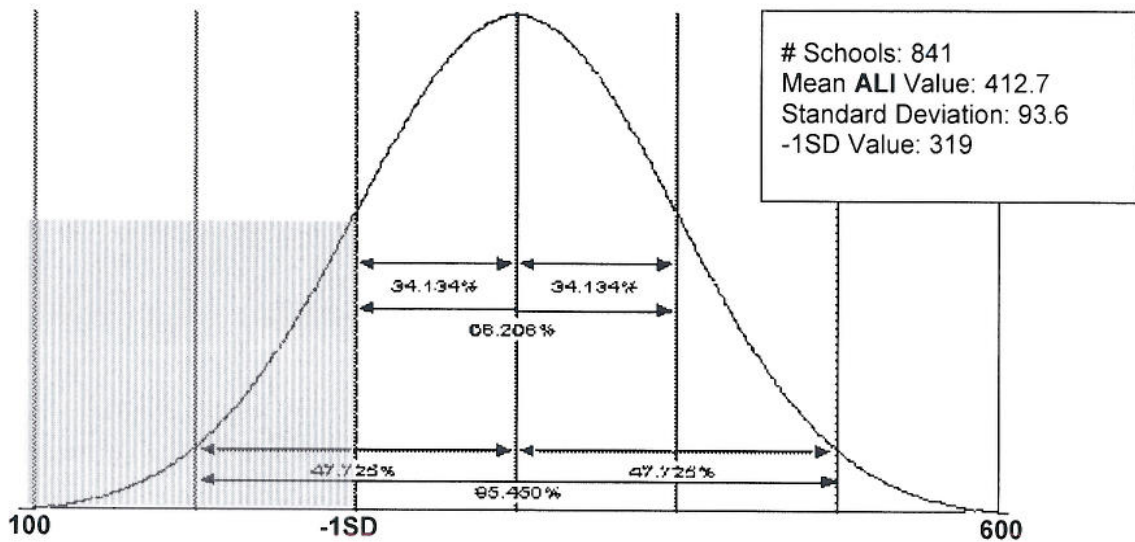
- 1. Convert each school achievement level to an Achievement Level Index (ALI) -- a scale from 100 to 600.**
- 2. Determine the mean and standard deviation for the distribution of school level ALI values.**
- 3. Average the school ALI values for each school district.**
- 4. Determine the mean and standard deviation for the distribution of district level average ALI values.**
- 5. Select all districts falling within $-1SD$ and $+1SD$ from the mean in the distribution of district level average ALI values.**
- 6. Delete any district selected in Step 5 if any school in the district falls below $-1SD$ from the mean in the distribution of school level ALI values.**
- 7. Use the remaining districts in subsequent calculations related to base student cost.**

The Achievement Level Index

Graphical Illustrations of the Mississippi Achievement Model Showing the Achievement Indexes and the Relationship of those Scales to the Achievement Level Index (ALI)



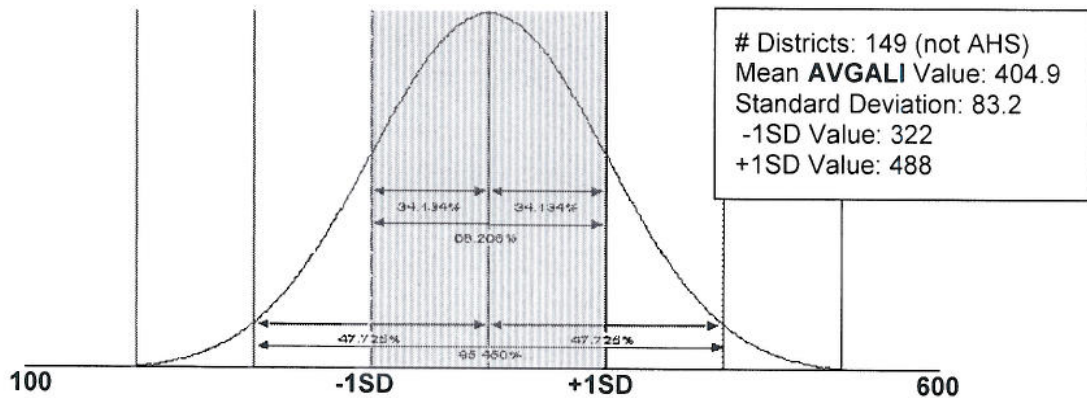
Distribution of 2004 School ALI Values



Average the School Level ALI Values



Distribution of District Average ALI Values



Old Successful District Selection Criterion:

- District is Level 3 on Performance-Based Accreditation System

New (Proposed) Successful District Selection Criteria:

- District average ALI value falls within -1SD and +1SD (in the AVGALI shaded area) AND
- The district has no school with an ALI value below -1SD (in the ALI shaded area)

**Results Using Data from the 2004 Achievement Model
(Based on Student Performance during 2003/2004)**

District selection range = AVGALI values between 322 (-1SD) and 488 (+1SD)

Expected percentage of values in the range -1SD to +1SD ~ 68%

Number of districts in the range = 98 of 149 (66%)

Districts in the above selection range with a school falling below 319 (-1SD)

There is no expected value for this statistic.

Number of selected districts with such a school = 30

Successful districts to be used in the next step (application of efficiency criteria)

	98	districts in the selection range
minus	30	districts with a school in the exclusion range
	<hr/>	
	68	districts

68 Successful Districts

Go to the Next Step